

PATENT

REMARKS

In response to the Office Action dated August 15, 3003, Applicant has cancelled Claim 12 and presents new claim 13 which sets forth the allowable subject matter of claim 12 in independent form. Accordingly there is no change in scope of the pending claims. Claims 1 to 11 and 13 are pending. The Examiner has indicated that claims 1 to 9 and 13 are allowable, but has rejected claims 10 and 11 as anticipated by the cited Gorsuch patent.

Applicant respectfully traverses the rejection of claims 10 and 11 based on the Gorsuch patent and respectfully requests reconsideration thereof based on the following remarks.

As set forth in pending claim 10, Applicant's invention is a mobile unit that is arranged to operate according to two protocols. First and second RF modules are provided for operating according to the first and second protocols, each responsive to baseband signals to be transmitted and each providing output baseband signals on reception. A common digital processor is provided for processing signals according to both the first and second protocols. An interface unit is provided between the processor and the RF modules for processing between the baseband signals of the RF module and the digital signal porcessor.

As is evident from the specification, the claimed interface unit is the configurable bit stream processor 42, described on pages 8 through 10 of the specification. Further the claimed digital signal processor is digital processor module 18, which includes processor 56, and which is described at pages 9-10 as performing the MAC level processing for both formats.

The Gorsuch Patent describes a mobile unit which likewise operates according to two protocols, but the system of Gorsuch does not have the common protocol function arrangement called for by claim 10. Gorsuch in fact takes the very straightforward approach of having completely separate signal processing for each format. His system as illustrated in figure 6 has

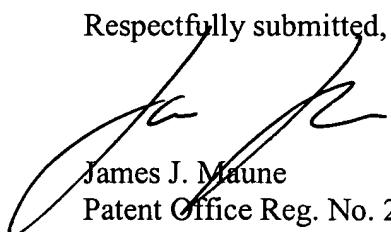
## PATENT

separate "protocol convert" modules for each protocol. These are switched to the "interface" which corresponds to the "host interface 52" shown in figure 1 of the instant application. Gorsuch describes this interface at column 9, lines 45 to 47 as a conventional computer interface. He further describes the protocol converters as stand alone devices. (See Column 9, lines 48-52) These protocol converters necessarily provide the MAC functions for each protocol, in contrast to the invention specified in claim 10 wherein a single processor performs the digital signal processing for both protocols.

Accordingly, The Examiner's rejection of claims 10 and 11 is based on an incorrect interpretation of the teachings of the Gorsuch Patent. Accordingly Applicant requests reconsideration and allowance of claims 10 and 11.

In view of the above remarks, this application is believed to be in condition for allowance. If any further issues arise, the Examiner is requested to telephone Applicant's undersigned attorney.

Respectfully submitted,



James J. Maune  
Patent Office Reg. No. 26,946

Attorney for Applicant  
(212) 408-2566

Enclosures